

y, vibration direction x, rotation rate direction

× coriolis force direction

FIG. 1





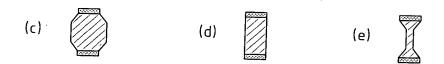
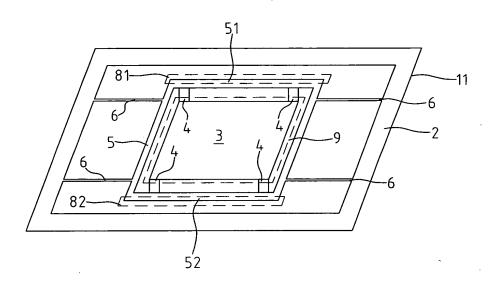


FIG. 2



y, vibration direction - x, rotation rate direction

 $\stackrel{\frown}{\times}$) coriolis force direction

FIG. 3

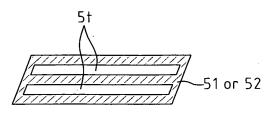


FIG. 4a

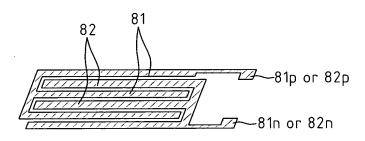


FIG. 4b

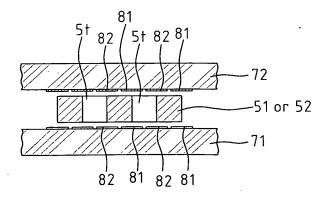
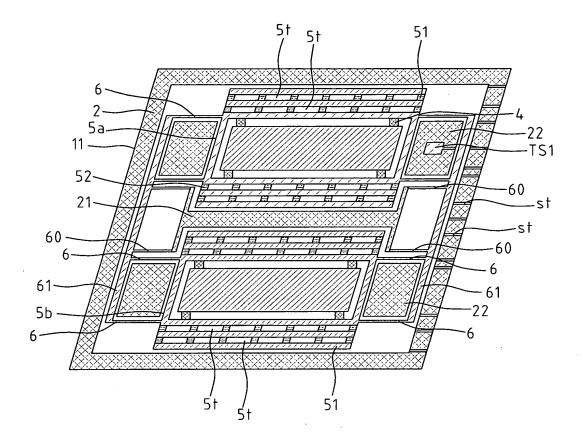


FIG. 4c

Serial No.: 10/699,490 Docket No: 03222-URS
Inventor: Shyu-Mou Chen, Sheau-Shi Tzuoo and Chung-Ta Kau

Title: Silicon Dual Inertial Sensors



y, vibration direction x, rotation rate direction

 (\times) coriolis force direction

FIG. 5a

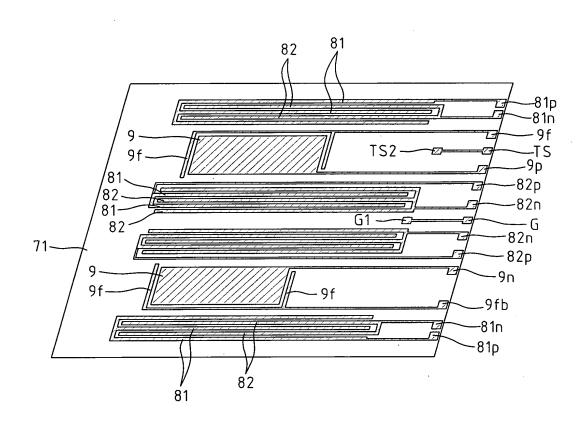


FIG. 5b

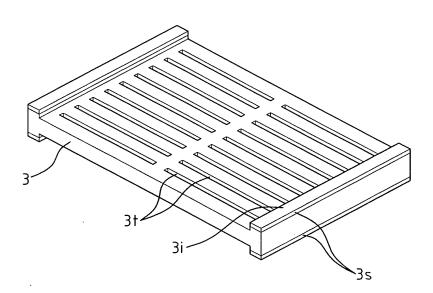


FIG. 6